

U. S. Plugs Security Leaks, Forges Ahead In Atomic Development; Soviets Still Lack 'Know How' Despite Thefts Told By Considine

With this issue of The Bulletin, the tense, exciting and interesting series by Bob Considine, "The Great A-Bomb Robbery," is concluded. Thanks of every Y-12er should go to the International News Service for its permission given The Bulletin to publish the Considine articles.

Considine has told how through breaches of United States security by poorly rewarded Americans the Soviet Union has speeded development of its own atomic bomb by from 18 months to an estimated 10 years. Of course, the principal objective of the articles—and the warning contained—is to tell of the constant vigilance of Soviet spies and their ability to pounce on any lapse by guardians of American secrets to crack the wall of security the United States has erected around its atomic energy program for military purposes.

As Considine has pointed out—there is no doubt but that great harm has been done to the United

The Paramount Objective is to Assure the Common Defense and Security

... See. ATOMIC ENERGY ACT OF 1946

States through the spying efforts of Dr. Klaus Fuchs, the Rosenbergs, Sgt. David Greenglass and the courier Harry Gold. However, there still is a bright side to the situation—as it must be remembered that regardless of the amount of valuable information stolen by the Soviet spies—it could not possibly have contained the thousands of technical details that are the real secret of the American operations.

U. S. Has Made Great Strides

Also, Y-12ers should remember

that in reviewing the Considine revelations of breaches of United States security the offenses were committed several years ago and that as a result of the arrests of the spies the leaks were stopped. Also, since that time the United States Atomic Energy Commission has made great strides forward in all phases of atomic energy development.

These strides and advancement of the security regulations covering all AEC operations—with the constantly developing of new operational techniques and "know how," will enable the United States to maintain its production leads and advantages over those enemies whose aims are to destroy the American way of life.

Russia Still Seeking Information

That Russia knows of the continued progress of the American atomic energy program since the Fuchs era is shown by the fact that the Soviets still are trying to get in

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The Great A-Bomb Robbery— Santa Fe Map Traps Gold; Long Confession 'Fantastic'

This article concludes the story of "The Great A-Bomb Robbery" by Soviet Russia.

By **BOB CONSIDINE**
International News Service
Staff Correspondent
(World Copyright 1951 by INS)

The FBI's masterful job in tracking down Harry Gold, from the most meagre kind of description given to it by Dr. Klaus Fuchs in his British prison, ran into another blind alley when its agents called on Fuchs' sister and brother-in-law in Cambridge, Mass.

Mr. and Mrs. Kristel Heinemann had been deeply shocked by the news that Klaus was, in truth, one of history's top spies; one whose work had more significance than that of perhaps all the operators in the annals of espionage.

The Heinemanns remembered that Klaus had a visitor at the Cambridge home in January, 1945 (Fuchs was home from Los Alamos on a brief vacation at the time, and had turned over vital information to Gold). They had liked him, they remembered, and the Heinemann children adored him, for he brought them candy. The Heinemanns understood that the visitor to Klaus was the father of two children (Gold was a bachelor) and while they could not be sure they thought his first name might have been James—with a last name that sounded as if it began with "Dav..."

The FBI followed James Davidson, a New York City engineer who answered the physical description

and who was absent from his job about the time Fuchs visited Cambridge in 1945 from Los Alamos. But when the Heinemanns were shown Davidson's picture they shook their heads—yet Fuchs had picked the same picture out of a group of suspects and said, "I am pretty sure this is the man."

The FBI turned its attention to chemists... chemists in general, queried every scientist with whom Fuchs had come in contact, searched mountains of records, studied Santa Fe hotel registers, railroad, airline and bus records.

Search For Gold Narrows

The search narrowed to 1,500 photographs and dossiers. Then it narrowed to a handful. Then, more and more, the agents kept coming back to a photograph taken of a witness before a grand jury of 1947—an innocuous little man named Gold.

He was working now in a heart research program at the Philadelphia General Hospital and ap-

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Bob Considine

Pyrofax Engineer Is Honored By LPGA

Mercer G. Farrar, chief engineer of the Pyrofax Gas Company, a Division of Union Carbide and Carbon Corporation, was honored recently with the Distinguished Service Award of the Liquefied Petroleum Gas Association, according to an announcement by the organization.

The award is given only once each year for outstanding contributions to the association and the LP-Gas industry. It carries with it an honorary membership in LPGA. Farrar, 65, received the coveted award because of his "long and meritorious service to the industry in the development of technical standards and promotion of safety." He has been identified with the Pyrofax Gas Company, one of the first marketers of LP-Gas, since 1924.

Before that time he was chief engineer of the Clothall Company, Bayonne, N. J. In this capacity, he conducted, for Clarence Birdseye, what were probably the first tests on throw-away cartons now used in the shipping of frozen foods.

K-25 Passes 3,000,000 Hours Without Loss Of Time From Accidents To Set Record

Safety consciousness on the part of employees in all three Oak Ridge units took a sharp upward turn within the last few weeks, as evidenced by the records of no lost time accidents of Y-12, K-25 and the Oak Ridge National Laboratory.

Employees at K-25 last week broke the long-standing mark held by Y-12 of putting in 2,853,478 man-hours of work without a disabling accident. Furthermore, the K-25ers went on to pass the 3,000,000 man-hours of work with no lost time accidents for a new Carbide record in Oak Ridge.

The mark established at K-25, set last Friday morning and still intact, gave that plant five periods of 1,500,000 hours without a disabling accident to tie Y-12, which has a similar record.

Through last week, Y-12ers had

passed the 1,000,000 hours worked mark with no lost time accidents and were well on their way toward their sixth period of accident-free time that brings a citation bar to add to the plaque and four bars already awarded the plant by the Company.

At ORNL a third 1,500,000 man-hour period with no lost time accidents was established on June 1.

Y-12ers can congratulate employees at K-25 for matching the Y-12 mark in safety and also ORNL personnel for gains made. Accident-free operations at all of the Carbide units in Oak Ridge are mutually beneficial to employees and the Company.

Meanwhile, the Paducah plant of Carbide is on its second accident-free period, having passed the 1,600,000 hour mark last week.



Friday the 13th Hoodoo Is Bunk ... Plain Bunk

Are you one of those superstitious guys or gals — Mr. Joe or Josie Y-12er?

If so—you better stay home and stand in bed come Friday — it's Friday the 13th.

However, maybe payday will lure you to the plant—despite the fact that Friday the 13th is a double-dyed, 99.99 per cent pure hoodoo day to work. Oh yeah?

It's The Bunk

It's the bunk—guys and gals—it's purely the unadulterated bunk.

A recent survey of "popular superstitions" revealed that even in this enlightened age and time a number of Americans still have pet superstitions. Here are some of them—and perhaps the only extenuated reasons to observe them—

1. Avoid crossing the path of a black cat—particularly if the kitty has white stripes up its back.

Oops—Better Pass The Ladder

2. Don't walk under a ladder—maybe someone left a hammer or a can of paint on it that might topple on the unwary superstition dodger below.

3. The number 13 is unlucky—if it's on dice, look out.

4. Toss spilled salt over the left shoulder—there might not be a sensible answer to this one—but why do it in the first place, it's a waste of good salt.

5. Knock on wood—then watch out for splinters.

6. Broken mirrors bring seven years of bad luck—certainly, if it bops you on the head on the way down.

There's one Y-12er right here in the plant that had a flock of 13s strung out behind him back many years—in fact Friday the 13th is sort of an anniversary. On Friday night, June 13, 1913, he graduated from high school, was the 13th member of a class of 13 to receive his diploma. Sure, he was lucky — he got a job with Carbide.

Carbide Wives Will Elect Board Members On June 18

Four new members of the executive board will be elected by the Carbide Wives at the June meeting of the organization next Wednesday night, June 18. The meeting will be held at 7:30 o'clock in the East Lounge of the Ridge Recreation Hall.

Following the business meeting bridge and canasta will be played. Refreshments also will be served. Hostesses for the meeting will be Mesdames A. P. Jago, Sam DeCamp, Richard Aiken, Jr., M. L. Angel, Jr., A. C. Sizemore and M. H. Hurd. All wives of Carbide employees are invited to attend.

Safety Council Magazine Lauds First Aid Event

**Carbide Contest Called
Largest Of Kind In U.S.;
Benefits Are Praised**

The National Safety News, monthly magazine published by the National Safety Council, Chicago, Ill., pays tribute to the annual Carbide First Aid Contest held in Oak Ridge, describing it as one of the largest industrial first aid contests held in the country. The contest this year will be held at 7:30 o'clock Saturday night, August 23, at Blankenship Field, the Oak Ridge High School football arena.

"As in other programs of this kind," the National Safety News points out, "success can be attained only with enthusiastic support and direction from top management. Clark E. Center, Carbide's resident general manager in Oak Ridge, has long been a exponent of industrial first aid training, and once captained a first aid team at Carbide's plant in South Charleston, W. Va. Carbide's management has learned that competition and public recognition coming from public first aid meets is one of the most effective ways of generating active employee participation in a first aid program. This, in turn, results in an unusually high percentage of employees trained in first aid methods distributed throughout the plant facilities operated by Carbide."

Training Minimizes Injuries

"To evaluate all the benefits derived from this situation would be nearly impossible. Not only are the results of personal injury accidents minimized when people on the spot know how to handle injuries, but people trained in first aid are more alert to discover sources of possible injury and arrange for their correction."

"A plant first aid program is intended to supplement rather than to supplant the industrial medical program. . . . Of primary importance is the fact that such training broadens out to the home, the highway and the community, thus tending to reduce the effects of off-the-job accidents. It also helps to make possible immediate assistance in cases of injury, and thus tends to minimize the effect of industrial injuries and to reduce accident severity."

Bureau, Company Cooperated

After pointing out how Carbide and the United States Bureau of Mines cooperated in installing first aid training in the Oak Ridge plants and then describing the interest shown by Oak Ridgers and Carbide employees in the annual con-

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SAFETY SCOREBOARD

**Your Plant Has
Operated**

45 Days

**Without A Lost Time
Accident***

Through June 8

The Bulletin

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Y-12 Employees Of
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GEORGE W. DOBBS . . . Editor

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Red Cross Swimming Classes Hours Given

Y-12ers and members of their families wanting to join the Red Cross summer swimming instruction classes are urged to register as soon as possible with the local Red Cross chapter between 8:30 a. m. and 5 p. m., Mondays through Fridays. Instructors trained by the Red Cross will be in charge of the classes, according to Warren Reyssen, water safety program chairman for the Oak Ridge Chapter of the Red Cross.

The classes will include instruction for beginning and intermediate students, including seven to 10-year-old group, 10-15 year-old group, housewives and adults. No charge will be made for morning classes, but adults in afternoon classes must pay the usual admission price to the Oak Ridge swimming pool, where the classes are held. There is no charge for instruction.

The schedule follows:

June 20: 9:30 to 10:30 a. m. and 10:30 a. m. to 11:30 a. m., beginning housewives, intermediate housewives. 9:30 to 11:30 a. m., junior life saving, over 12 years old. 5:30 to 6:30 p. m., adult beginners and intermediates.

June 23-July 4: 9:15 to 10:15 a. m. and 10:30 to 11:30 a. m., beginners and intermediates, seven-10 years.

July 7-July 18: 9:15 to 10:15 a. m. and 9:30 to 10:30 a. m., beginners and intermediates, 10-15 years. 9:30 to 10:30 a. m., beginners and intermediate housewives.

July 21-August 21: 9:15 to 10:15 a. m. and 10:30 to 11:30 a. m., beginners and intermediates, seven-10 years. 9:30 to 11:30 a. m., junior life saving, over 12 years old.

August 4-August 15: 9:15 to 10:15 a. m. and 10:30 to 11:30 a. m., beginners and intermediates, 10-15 years. 5:30 to 6:30 p. m., adult beginners and intermediates.

August 18-August 29: 9:15 to 10:15 a. m. and 10:30 to 11:30 a. m., beginners and intermediates, seven-10 years.

AEC PLANS MONUMENT

The Associated Press recently reported that New Mexico members of Congress have said they have been assured by the Atomic Energy Commission that the site of the first atomic bomb blast near Alamogordo, N. M., will be preserved as a national monument.



Y-12 Photo By Vince Moore

MISS RUBY MCGINNIS, OF THE Y-12 SECURITY DEPARTMENT who was married Sunday to William O'Kain, was entertained at a shower by friends and relatives of her husband's family last Thursday night at the Robertsville Baptist Church. From left are Mrs. Sally Taylor, Mrs. Mae Gill, sister of O'Kain; Miss McGinnis, Mrs. Kathryn O'Kain, wife of Grady O'Kain, of Y-12, parents of the groom; Mrs. Edyth Biggers, whose husband is a Y-12er in Electrical Maintenance; and Mrs. Martha O'Kain, daughter-in-law of the elder O'Kains.



Thanks a lot, folks—for the flock of swell vacation pictures submitted to date. They have been fine, even if somewhat on the fishy side. Wait a minute—no offense meant. It's just that a great majority of them have been of piscatorial subjects. This isn't a kick—far be it from such—but just as a suggestion won't somebody PLEASE snap a picture of a bathing beauty, deep sea diver, mountain climber or even a left-handed piano tuner—just for a change?

Now to the business at hand. With Colyum Conductor **Esther Moody** vacationing this week the information gathered herein has been corralled by **Ada Hopkins**, capable first substitute colyumist extraordinary, and put to words and music by **Ed. G. Dobbs**.

It is fitting that travel comes first in vacation time, so from Transportation is word that **Lillie Cobble** and her husband, **Ernie**, of Maintenance, went up to Kingsport over the week end to visit his daughter and son-in-law, Mr. and Mrs. V. O. Ripley.

Wynetta Patterson, of the Cafeteria, and her husband, **Pat**, of the Guard Department, spent the Memorial Day week end in Zinzinnati (vas you ever dere?). . . . Get-well-quick wishes to **Willie Bailey** who is recovering from a tonsillectomy in the Oak Ridge Hospital. . . . **Verna Packman** and her husband, **Howard William** (he's called **Paddy** by one and all) of Field Maintenance, are vacationing up in McKeesport, Pa., to see some kin folks. Paddy, the old portside pitcher, and the missus also hope to see some major league ball (what, in Philly or Pittsburgh?). . . . **Vena Mae Summitt** recently had her daughter, Mrs. Barbara Tinnel, from Albuquerque, N. M., for a three-week visit.

Personnel is up in the air—that is, **Frances Donahue** flew to Aiken, S. C., for a week's visit with her parents and also a trip over to

Folly Beach and the Isle of Palm. **Irene Turner**, of Manufacturing Office, is vacationing in Virginia this week. . . . Deepest sympathy is expressed to **Dot Park**, whose mother died June 3.

Property Sales welcomes **Evelyn Harmon** and **J. W. Stair** to the department. . . . **Bill Coggins** is in the Oak Ridge Hospital with a misery—get-well wishes to you, William.

Some lady in General Maintenance Office says she wants a male puppy. She got away before giving her name and put the Ed. on a spot. However, as many other and varied services have been offered in these colyums, we might as well go along with the plea—so if anybody wants to put a pup in a good home—telephone 7226. . . . Otherwise in the department—

H. D. Duncan and family are spending a couple of weeks in the land of the itching palm (Florida). . . . The welcome mat was dusted off for **R. W. McWhorter**. . . . **Walter Simmons** was vacationing last week—but nobody knew just where. . . . **W. T. McNamara** has moved into his new home near Concord.

Uranium Control reports **June Arnold** vacationing last week at South Oak Ridge (Daytona Beach, Fla.). . . . **Robert W. Kees** is welcomed to the department.

Buildings and Grounds extends deepest sympathy to **C. A. Reed**, whom tragedy struck recently when his sister and her husband were killed in an automobile accident. . . . Lots of vacationers listed—some of them and their destinations and objectives are **E. J. Rogers**, two weeks, Atlanta, Ga., horse show. . . . **S. R. Cowden**, one week, home, extensive gardening. . . . **W. Atwood**, one week, Watts Bar, fishing. . . . **M. J. Akers**, ditto. . . . **George Howard**, one week, Alabama, visit to folks. . . . **E. A. Malone**, **D. O. DeHart**, **T. R. Jordan**, **C. G. McQueen** and **L. A.**



O'KAIN - MCGINNIS

The marriage of Miss Ruby Iris McGinnis, of the Clearance and Pass Office of the Y-12 Security Department, and William O'Kain, a University of Tennessee student, was solemnized at noon, Sunday, June 8. The marriage was performed at the Robertsville Baptist Church, Oak Ridge, with the Rev. W. C. Summar, pastor of the church, officiating.

The bride is the daughter of Mr. and Mrs. H. H. McGinnis, of Philadelphia, Tenn. O'Kain is the son of Grady L. O'Kain, of the Y-12 Buildings and Grounds Department, and Mrs. O'Kain, of Oak Ridge.

During the ceremony, nuptial music was provided by Mrs. James B. Mason, pianist; and Miss Kay Mason, vocalist.

Miss Bonnie Roberts, of the Y-12 Analytical Laboratory, was maid of honor and the bride's only attendant. Newell Mack, of Oak Ridge, was best man.

The bride is a graduate of Loudon High School. O'Kain graduated from the Oak Ridge High School and now is attending the University of Tennessee.

The couple will live in Oak Ridge.

Walton, two weeks, whereabouts and whattodo, unknown.

Wilma Simmons, of Plant Records, spent the week end at her home in Centerville, Tenn. . . . **Helen Burkhalter**, of the Technical Library, is ill at St. Mary's Hospital, Knoxville, and best wishes for a quick recovery for her. . . . **Mae Hale**, a former Y-12er, is mother of a baby daughter, Jeannie Lynn, born May 25 at St. Mary's Hospital, Knoxville.

J. C. Ezell, Electrical Maintenance, is trying to catch all the fish in Hazel Creek while vacationing this week. . . . Lots of news—good reporting—from the Analytical Laboratory. **Roscoe Barringer** is the proud dad of a baby girl, Janice, born June 4, weight seven pounds, 13 ounces. . . . Mosquitoes and other varmints of the woods probably had a field day—and nights—as **Pratt Johnson**, his wife; **Bob McIlhenny**, his wife; **Eunice Jones** and a girl friend went camping on Watts Bar Lake shores over the Memorial Day week end. . . . **Buck Davis** spent that same week end in Athens, Ala. . . . **Ed and Martha McCombs** were in Circleville, Ohio, at the same time visiting her sister. . . . **Chick Burnette** went to Spindale, N. C., to celebrate the holiday. . . . **Jim Morehead** and family spent last week in Portsmouth, Ohio. . . . **Elbert Gladden** headed the other way, Panama City, Fla. . . . **Elizabeth Edmons** also went to Dixie, in Mississippi. . . . Another Mississippi visitor is **Mary Nell Rawson**, who is vacationing in Meridian for a couple of weeks. . . . **Joe Stewart** attended graduation exercises at Western Kentucky State College over the Memorial Day week end and saw



THIS TRIO OF ANGLERS from the Chemical Department landed their nice string of striped bass on a recent foray below the Fort Loudon Lake dam near Lenoir City. They are (the anglers) from left, Jack Baer, A. V. Haggard and H. M. "Shorty" Burnett.

Martha Garrison get her diploma. . . . **Genevieve Bryant** really got away from it all—she went to California for a two-week vacation, dividing time between San Francisco and Los Angeles, flying both ways, of course. . . . **Jim Moore** took off for Detroit, Mich., and points in Canada this week. . . . **Rufus Webb** journeyed to Canton, Mo., for his vacation. . . . **Ivan McCarty** got his master's degree from the University of Georgia, at Athens, last week while on vacation. . . . **Lewis Fitzgerald** went up to Kentucky for one week. . . . **James Cagle** went to Charleston and Folly Beach, S. C., over the week end. . . . **Ann and Tom Barton** tripped to Bardwell, Ky., at the same time. . . . **Sue Alley** observed Memorial Day in Clifton, Tenn. . . . **Billy Britton** and family are back from their tan-acquiring vacation at Daytona Beach. . . . Get-well wishes to sick folks **Jennie Fitch**, **Elza Combs**, **Edna Tyler** and **Pearl Powers**. . . . "Howdy" to new Labbies **Martha Garrison**, **John York**, **Ralph Langsjoen** and **Sam Owenshine**. . . . Got another vacationer—**Nancy Stutts** is visiting this week at St. Joseph, Tenn.

Materials Chemistry has **C. F. Baes** on vacation at Yorktown, Va. for a week. . . . **Dorothy Caldwell** and family at Daytona Beach. The Memorial Day holiday saw **C. F. Coleman** and his wife, **Ginny**, in St. Louis. . . . **Dave Crouse** at Daytona Beach. . . . **Dan Horner** visiting his wife's folks near Murfreesboro, Tenn.

H. P. House, of Analytical Chemistry, went to Indianapolis, Ind., over the Decoration Day week end. . . . **Jeanne Rogers** to Pontiac, Mich. . . . **Margaret Morler** to LaGrange, Ga., attending an alumni reunion. . . . **A. J. Roemer, Jr.**, to his home in Montgomery, Ala. . . . Get-well wishes to **Edna Bonifacius**, who has been ill for some time.

That postal-card-writing lad, **Paul Ziemke**, of Safety, sends greetings to The Bulletin staff and all Y-12ers via skyline picture of New York City—postmarked East Orange, N. J. You can see it from there, Paul?

Down in the Laundry Department they are extending get-well wishes to **Edith Stott**, ill at her home in Knoxville; and **Arbana Honeycutt**, ailing at home in Lake City. . . . Meanwhile, **J. B. Kendrick** is back after having been ill for several weeks. . . . **Mildred Spurgeon** is vacationing for a week at Knoxville.

Come up and see us sometimes.

PADUCAH EMPLOYMENT UP

The Associated Press has reported that employment at the atomic energy plant under construction near Paducah, Ky., and to be operated by Carbide and Carbon Chemicals Company, will soon reach a peak of about 22,000. This is about 4,000 more than at present.

It won't hurt you to be careful.

Hats Off To Dads On Fathers' Day—He Fights Dragons Daily For Earthly Immortality

At long last—comes Fathers' Day—next Sunday, June 15. C. E. Smith, Jr., Administrative Normal Department in Bldg. 9212, has contributed the following essay on dear old dads—everywhere:

"A Father grows when he feels good—and laughs very loud when he's half scared to death.

A Father sometimes is accused of giving too much time to his business when the children are growing up.

That's partly fear—too.

A Father never feels entirely worthy of the worship in a child's eyes.

He's never quite the hero his daughter thinks—never quite the

man his son believes him to be—and this worries him, sometimes.

So he works hard to try and smooth the rough places in the road for those of his own who will follow him.

A Father's a thing that goes away to war, sometimes—

And learns to swear and shoot and would run the other way except that this war was an important part of his life—which is making the world better for his children than it has been for him.

Fathers grow older faster than people.

Because they, in other wars, had to stand at the train station

and wave goodbye to the uniform that climbs aboard the cars—

While Mothers can cry where it shows—

Fathers there had to stand and beam outside—and die inside.

Fathers fight dragons—almost daily.

They hurry away from the breakfast table—

Off to the arena sometimes called an office or a workshop.

Fathers make bets with insurance companies about how long he'll live.

Even as the odds get higher and higher—they keep right on betting—

And one day—they lose.

But Fathers' enjoy an earthly immortality—and the bet is paid off to the part of him he leaves behind.

I don't know where Fathers go to—when they die.

But I've an idea that after a good rest—wherever it is—he won't be happy unless there's work to do.

He won't just sit on a cloud and wait for the girl he loved and the children she bore—

He'll be busy there too—repairing the stairs, oiling the gates—smoothing the way."

Hats off to Dad.



COLOR BEARERS FOR PLANT IN THE WOMEN'S DIVISION OF THE KNOX-RIDGE SOFTBALL LEAGUE ARE THE Y-12 ROBINS. Front row, from left, Ruby McGinnis, Ella Mae Koontz, Bonnie Roberts and Helen Brown. In the rear are Billie Jean Pickett, Peggy Cowan, Edna Davenport, Dot Gwinn, Helen Hobson, Imogene Loy, Jessie Burnett and Juanita Kirwan.

Photo By Vince Moore

Birds Meet Strong Ohio Softies Sunday at Ridge; Robins Seek Revenge Over Cas Walker on Friday

Y-12 SPORTS

Netters Of Plant Virtually Clinch First Half Title

The Y-12 men's varsity tennis team virtually clinched the championship of the first half of play in the Oak Ridge Tennis League last week when they trounced their old rivals from Oak Ridge National Laboratory, three matches to two. Nate Smith took Silverman 6-2, 6-1; and Jack Ransohoff beat Towns 6-4, 6-4; for Y-12 victories in singles while Don Smith and George Wells downed Wilson and Zeitlan 6-4, 6-2 in doubles. Mann and Ballenger lost to Blacksher and Borie in doubles 3-6, 1-6; and Fred Hurst dropped a singles match to Hylton 2-6, 0-6, for the Y-12 losses.

The Y-12ers had won four and lost no matches through last week. They had a rained-out match to finish against AEC slated for Monday of this week and an engagement with K-25 Tuesday to round out the first half schedule. The Y-12 netters have beaten both of these teams previously and need but one victory to clinch the crown.

After completion of the first round of play a midseason tournament will be staged with the second half of the league scheduled to open July 8 with Y-12 playing AEC.

Y-12 To Meet AEC For Slow Pitch Loop Lead In Tilt Tonight

The Y-12 slow pitch team will tackle the Atomic Energy Commission bloopers at 9 o'clock tonight, Wednesday, June 11, at Middletown Park. The game will be the last of four on the City Slow Pitch Softball League slate for the night.

Manager Elmore Koons' Orioles of Y-12 maintained their unbeaten record last week by winning the easy way—a forfeit being gained from the Oak Ridge National Laboratory outfit when the Labsters failed to muster a quorum for the contest.

The clash tonight between Y-12 and AEC will decide the league lead for the time being. Neither team has lost a game this season.

Both Y-12 Teams Face Tough Schedules In League; Athens Lassies Meet Y-12 In Preliminary Sunday

The Y-12 men's varsity softball team will face an acid test at Middletown Park Sunday night when they will tackle the strong National Cash Register Co. team from Dayton, Ohio. The scrap will be the main attraction of a twin bill in which the Y-12 women's team will meet Athens, Tenn., in the opener. The first game will begin at 7:15 o'clock.

Of equal importance, particularly to the Robins, will be their scheduled clash at 7:30 o'clock Friday night at Middletown against the Cas Walker lassies. The Grocers are on top in the Knox-Ridge loop and handed the Robins their only trimming of the year in Knoxville recently. Naturally, the Robins will be out for revenge.

Other Games Scheduled

In addition to these games the Red Birds are slated to show in Knoxville at 7:30 p. m. Thursday against Southern Bell and also travel to Mascot Saturday night to play the Miners. The Robins are scheduled to play Gus Greene at 7:30 p. m. Saturday in Oak Ridge. The schedule will continue next Monday night when the Birds play Maryville at Knoxville and the following night when the Robins play K-25 at Oak Ridge.

The Robins romped over the Gus Greene team in Knoxville last Friday night by a score of 12 to 3. The Red Birds bobbled away an 8 to 6 win to the league-leading Watson team last Thursday with seven errors. The Y-12ers blew a 6 to 2 lead in the sixth inning. The Birds showed surprising strength against the strong Chattanooga Wreckers last Saturday by carrying the home team to eight innings before losing by 5 to 4.

Loy, Perry Hurl Magnificently

The Y-12ers had their best home week of the season with the Red Birds racking up a pair of shutout victories behind the great pitching of Bobby Loy and Morris Perry. In a comedy engagement the Robins set a record in trimming the Corryton lassies by 32 to 16.

With Loy hurling one-hit ball on Monday night, June 2, the Birds bumped Oak Ridge National Laboratory by 4 to 0 with clusters of two runs each in the first and third innings. Gene Huskisson led the Y-12ers with the willow, banging out a double and triple. On the following night Morris Perry duplicated Loy's one-hit hurling against Maryville and the Red Birds took an easy 7 to 0 triumph. Perry whiffed 16 of the visitors and got two of the 10 Y-12 hits.

Robins Romp To Record

That clambake between the Robins and Corryton on the same night was something to behold.

The Y-12 girls ran up a 23 to 3 lead by the end of the fourth and added nine more tallies to lead by 32 to 7 at the first of the ninth. Then the Robin hurler, Ella Mae Koontz, started lobbing them in to let the visitors get the feel of hitting and the nine runs by Corryton were purely and simply a gift. When the visitors halved the score, the Y-12ers slammed the door and went home. Ruby McGinnis whacked a pair of homers among three hits and Imogene Loy one in the swatting four safeties. Juanita Kirwan also had a triple in three hits. Helen Brown was another solid sticker for Y-12 with four safeties while Jessie Burnett and Koontz each banged out three.

Available line scores of games played by Y-12 last week follow:

Team	R	H	E
Red Birds	20	20	0
ORNL	0	0	0

Loy and Seivers.	Keller and Sabo.
Maryville	0 0 0 0 0 0
Red Birds	0 3 4 0 0 0

C. Davis and Ledbetter.	Hutson. Perry and Montgomery.
Corryton	012 040 9
Robins	407 1227 x

Robins	101 370 0
Gus Green	000 002 1
Koontz and Roberts.	Wetzel and Carden.

Red Birds	101 020 00
Wreckers	000 301 01
Berry, Loy (5) and Allen.	Miller and McDaniel.

Y-12 Tops Harriman In Smoky Loop Tilt

The Y-12 varsity golf team took its second straight Smoky Mountain Golf League engagement last Saturday morning when they smothered the Harriman Bur-Mills team by 23 points to one. Three-point wins were turned in by Y-12ers Dorr, Bauman, Burchfield, Sweat, Harrell, Reynolds and Tiller. Cater had a two points, won and one lost mark in the match.

It's always the season for good housekeeping.

49ers Take Lead In Carbide Loop; Carbon Circuit Tied

Plant Leagues Continue Close Competition; High Scores Continue To Mark Softball Play

Ed Sise pitched the 49ers of the Carbide plant softball loop into first place last Friday night with a 11 to 6 victory over the Duds. The Guards and Engineers were tied for tops in the Carbon League at the end of play last week. In another Carbide circuit game Friday night the Bums bounced the Peons by 11 to 4 and the Sparks forfeited to the Hobslurps.

Three teams were tied for second place in the Carbide loop at the conclusion of play last week, the Duds, Bums and Hobslurps each having two wins and one loss.

Carbon Loop Scores High

The Carbon League lads just about wore out home plate in their games last week, with high scores prevailing in almost every game. The tops in scoring was established by the Engineers in whipping the All Thumbs by 25 to 10. The Rusty Nine came near with a 22 to 12 win over the Short Circuits and also turned in a close 14 to 12 victory over the luckless All Thumbs. The Engineers also kept their slate clean with a 20 to 13 win over the Grocers.

The Guards kept pace with the Engineers by handling the Short Circuits a 13 to 5 defeat. Hammer allowed the losers only one hit, but walked 12. The other win was a close 7 to 6 victory over the Grocers, in which the boys in blue scored four times in the last inning for the triumph.

In earlier games last week in the Carbide League the featured battle was staged by the Duds and Peons, the former coming out on top by 13 to 11. The Peons erred seven times to play havoc with their cause. Ed Sise turned in another hurling jewel when he hurled the 49ers to a 12 to 0 win over the Bums, giving up only three singles. Bldg. 9212 got a 16 to 6 win over the Hobslurps to break into the victory column.

UCJV Collects Two Wins

The gold and red clad Uranium Control Junior Varsity, one of the few teams in the league with its own vociferous cheering section as loud as the uniforms, rallied from two defeats in the first week of play to chalk up a pair of wins. The lads handed Bldg. 9212 a 11 to 5 defeat with Thompson leading the hitters of the winners with a triple, double and two singles. Shotts banged out a single and triple for the losers and scored two runs in two times at bat. The Uranium team took their other win by default when the Sparks could not assemble enough players to field a team.

Plant Class B Team Wallops Farmers By 10 To 3 Score

The Y-12 entry in the Oak Ridge Recreation Softball League, the city's Class B circuit, got away fast last Thursday night by handing the University of Tennessee Agricultural Research Project lads a 10 to 3 licking. Ed Sise hurled a three-hitter for the Y-12ers and was backed by good fielding and timely hitting by his mates. All of the hits by the Farmers were scratchy affairs.

Manager Avery Kendig's Y-12ers scored four runs in the first inning and at least one in every other inning except the second. Emmett Moore led the victors with a pair of safeties.

The Y-12ers are scheduled to play Kaighen and Hughes at 9 o'clock tomorrow night, June 12, in the final game on a three-game program. The Elks open the slate against the First Baptist Church at 6 o'clock and the First Presbyterians play the university team in the 7 o'clock clash.

The only one who should have faith in a rabbit's foot is the rabbit.

SCORES OF GAMES LAST WEEK

TEAM	R	H	E
Bums	000 000 0	0	3
49ers	314 013 0	12	9

Walton and Dodson.	Size and Jones
Bldg. 9212	506 302
Hobslurps	011 310

Biery, Barker and Barker.	Shotts. Aven, Kasten and Sangren.
Rusty Nine	035 222
All Thumbs	501 105

Guards	103 72
Short Circuits	130 01
Hamer and Moore.	Colley and Bratz.

Engineers	331 049
Grocers	311 044
McAlister and Morris.	Doss and Duckworth.

UCJV	000 245 0
Bldg. 9212	000 010 4
Hopper and Hopkins.	Bailey and Barker.

Duds	303 034
Peons	410 213
Law and Quinn.	Wollan and Bernard.

Grocers	2 1 1
Guards	1 0 2
Gregory and Salmon.	Evans, Wilson and Honeycutt.

All Thumbs	4 2 4
Engineers	9 9 7
Schmitt and Haggard.	Miller, Durant and Morris.

Short Circuits	1 3 3
Rusty Nine	7 0 6
Colley and Bratz.	Smith and True.

Peons	000 301 0
Bums	503 102 x
Ross and Gallimore.	Killian and Dodson.

49ers	150 130 1
Duds	021 003 0
Size and Fields.	Law and Snapp.

Team	W	L
Guards	3	0
Engineers	3	0

Rusty Nine	2	1
Grocers	2	2
Short Circuits	0	3

All Thumbs	0	4
Team	W	L
Guards	3	0

49ers	3	0
Duds	2	1
Bums	2	1

Hobslurps	2	1
UCJV	2	2
Bldg. 9212	1	2

Peons	1	3
Sparks	0	3

Team	W	L
Guards	3	0
Engineers	3	0

Rusty Nine	2	1
Grocers	2	2
Short Circuits	0	3

All Thumbs	0	4
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Team	W	L
Guards	3	0
Engineers	3	0

Rusty Nine	2	1
Grocers	2	2
Short Circuits	0	3

All Thumbs	0	4
------------	---	---

Team	W	L
Guards	3	0
Engineers	3	0

Rusty Nine	2	1
Grocers	2	2
Short Circuits	0	3

All Thumbs	0	4
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Remember—Only you can PREVENT FOREST FIRES!

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Map Of Santa Fe Trapped Gold; Long Confession Is 'Fantastic'

Continued from Page 1

peared neither surprised nor angry when the FBI called to ask for an interview. He set a time, appeared, and was cooperative but mum. Would he allow motion pictures to be taken of him, to show to Fuchs? Certainly. Would he permit the FBI to search his Philadelphia home? Certainly.

Father, Brother Innocent

The search was made at the home, 6823 Kindred St., Philadelphia, on the morning of May 22, 1950, just after Gold's father and younger brother—wholly ignorant of the business—had gone to work. Gold suggested that the two agents first search his bedroom.

For a long time the search was fruitless. Then an agent, for reasons he still does not understand, looked behind a bookcase, reached down and pulled out a folded map of Santa Fe. He opened it and found an "X" marked on Castillo St. Bridge—where Gold had met Fuchs in June, 1945.

The blood drained out of Gold's face, for he had sworn to the agents he had never been west of the Mississippi.

"Mr. Gold, would you like to tell us the whole truth?" an agent asked quietly.

Gold Shouts Guilt

Gold hesitated a moment, then almost shouted, "I . . . I am the man to whom Klaus Fuchs gave his information."

(An hour later, FBI agents in England wired that Fuchs had identified the figure in the films as his American contact.)

Gold's confession, which this writer has seen, is a document that runs well over 100,000 words. It is the most fantastically thorough, erudite, self-pitying, self-abusing document I've ever read. He contemplated selling it several months ago and giving the money to the Heart Fund, but interested editors backed off when the Department of Justice would not permit him to be interviewed for the purposes of clarifying the passages of the soul-baring.

Never Joined Communist Party

In short, Gold "did it" because he had been beaten up as a child by neighborhood anti-Semitic toughs and, as he grew, came to believe that Russian control of the world would end anti-Semitism. —e never joined the Communist Party because he disapproved of the "Bohemian" type life of those members he met.

Julius Rosenberg and his wife, Ethel, knew—after the arrest of Fuchs—that it would be only a matter of time for them. They knew Gold would be next, and Gold would tell of Sgt. David Greenglass and, through Greenglass, the Rosenbergs would be caught.

Greenglass Got 15 Years

Rosenberg thrust \$5,000 on Greenglass and gave him complete instructions for his escape to Czechoslovakia, via Mexico, Sweden and Switzerland, with intricate recognition signals to boot. Greenglass stayed put in his cheap New York flat, was caught, turned United States evidence, and got 15 years. His wife was not tried.

The Rosenbergs, apprehended with packed bags, fought their case

in court in a historic trial before Federal Judge Irving R. Kaufman. The government's case was brilliantly handled by United States Attorney Miles J. Lane, and Asst. United States Attorneys James Kilsheimer and Roy Cohn. The verdict was guilty. The sentence decreed was death in the electric chair at Sing Sing. Judge Kaufman condemned their act as "worse than murder."

Rosenbergs' Appeal Pending

The Rosenbergs have appealed. If they are put to death they will be known, if not abhorred, in American history as the first persons ever condemned to death for treason by a non-military tribunal.

The Russian spy ring in this country is not believed to be defunct, although as a result of the great A-Bomb robbery tremendous precautions are now taken to guard secrets and screen workers.

It is likely that Russia has a fair grasp of many of our innermost atomic secrets. Fuchs gave away a priceless store of knowledge. What he did not know may have since been supplied by Dr. Bruno Pontecorvo, an associate of Fuchs at Harwell and earlier an associate of Dr. Allan Nunn May at Chalk River, Ontario. Pontecorvo disappeared with his wife and three children behind the Iron Curtain in September, 1950. "A human storehouse of knowledge about the Anglo-American-Canadian atomic projects," he was called by associates.

Russian Plans Speeded

The Atomic Energy Commission and other authorities believe that the defections of Fuchs, May, Gold, Greenglass and the Rosenbergs speeded up the first test of the Soviet A-Bomb by 18 months. Others believe they speeded it by 10 years.

Whatever their contribution was, they sold your freedom—for peanuts and a clay-footed ideal.



Three Y-12 employees were listed as parents of babies born recently at the Oak Ridge Hospital. Milled O. Brannan, Maintenance Shops, became father of a girl born June 3. Ernest R. Clifford, Administrative Normal, became father of a boy born June 5. William King, Janitors, became father of a girl born June 4.

Missouri Scientist To Talk At Physics Seminar Meet

Dr. George W. Vineyard, of the University of Missouri, will speak at the weekly meeting of the Oak Ridge Physics Seminar at 4 o'clock Friday afternoon, June 13. The meeting will be held in the East Lounge of the Ridge Recreation Hall. Dr. Vineyard's topic will be "Theories of Amall Angle Scattering." Y-12ers interested in the subject are invited to attend.

Safety News Praises First Aid At Carbide

Continued from Page 1

test, the National Safety News continues:

"Indicative of industrial interest in this activity (first aid contests and training) is the fact that representatives of the iron and steel industry, the coal mining industry, the copper and zinc mining industry and the cement industry, came from many states to observe the competitive event. Also present were government representatives from the Bureau of Mines and other government offices throughout Virginia, Kentucky, Tennessee, West Virginia, Alabama and other southern states. Judges for the event were drawn from the safety departments of industrial concerns throughout the area and included many men in executive capacity. Chief judge for the meet was C. H. Dodge, of the Bureau of Mines. (Dodge, head of the accident prevention and health division of the bureau at Jellico, Tenn., again will be chief judge of the 1952 Carbide event.)

Secondary Benefits Cited

"In addition to stimulation of interest in first aid training, competitive events of this kind bring many secondary benefits, including the strengthening of relations between employees and the Company and the improvement of community relations . . ."

This week Y-12 groups throughout the plant are planning teams to compete in the 1952 contest and training will get underway within a few days. Increased interest in the event this year is expected to result in formation of considerably more than the 14 teams that represented the plant last year.

U. S. Plugs Security Leaks After Stories

Continued from Page 1

formation. It may be that Fuchs, from his prison cell in England, is still trying to help Russia by hoping the United States will declassify information he confessed giving the Soviets and thereby further aid the Kremlin.

It is hoped that the series of Considine articles have impressed on all Y-12ers the importance of the security program in the plant—that they will realize the importance of observing every detail as well as the overall objectives and instructions. Such observance by everyone—every employee and not only a few—is necessary to keep that wall of security unbroken and the safety of the nation intact.

Mineralogy Society To Show Tour Photographs Tonight

The Oak Ridge Mineralogy Society will meet at 8 o'clock tonight, Wednesday, June 11, at the Oak Ridge Institute of Nuclear Studies training building on Administration Road. The building is directly behind the Atomic Energy Commission Administration building.

The program will include showing of pictures, in color and black and white, made by members on the last three field trips made. An exhibition of specimens of minerals collected on the trips also will be shown.

Preceding the society meeting, George Westerdahl, former Y-12er, will conduct the class in mineral identification. His subject will be silver bearing ores.

INDIANS MINE URANIUM

Mining of uranium is developing into a new livelihood for Navajo Indians, according to a statement by Allan G. Harper, Indian Service area director and quoted by the Omaha World-Herald. The mining is being done on the Indian reservation in Arizona.

Attendance Record

MAJOR LEAGUE				
Dept.	More Than 50 Employees	Scheduled	Standing	
	Percentage	5-18-52	5-11-52	
2379	0.0	1	1	
2790	0.7	2	14	
2014	1.2	3	13	
2619	1.3	4	3	
2077	1.39	5	7	
2018	1.44	6	5	
2008	1.9	7	6	
2060	2.0	8	2	
2617	2.1	9	4	
2142	2.0	10	12	
2003	2.5	10	10	
2015	2.9	12	8	
2091	3.0	13	9	
2618	3.4	14	11	
2773	4.6	15	15	
2001	7.2	16	16	

Group absentee percentage was 2.6 per cent, .1 per cent lower than the preceding week.

MINOR LEAGUE				
Dept.	15-49 Employees	Scheduled	Standing	
	Percentage	5-18-52	5-11-52	
2743	0.0	1	1	
2005	0.0	1	1	
2144	0.0	1	1	
2093	0.0	1	1	
2109	0.0	1	5	
2064	0.8	2	1	
2145	1.2	3	2	
2616	1.3	4	8	
2002	1.6	5	4	
2090	1.9	6	3	
2133	2.4	7	6	
2108	2.7	8	11	
2143	3.57	9	9	
2200	3.57	9	10	
2107	4.4	10	7	
2096	6.9	11	12	

Group absentee percentage was 2.1 per cent, .2 per cent lower than the preceding week.

The plant average for the week ending June 1 was 2.5 per cent, .2 per cent lower than the preceding week.

Graduate Program Classes Open June 17

Registration will be held on Monday, June 16, from 6:30 p. m. to 8:30 p. m. for the summer quarter of the Oak Ridge resident graduate program of the University of Tennessee. Y-12ers desiring to enroll in the summer quarter classes may do so at the time at the Oak Ridge Institute of Nuclear Studies training building, located directly behind the Atomic Energy Commission Administration building on Administration Road.

Classes for Oak Ridge students will be held at the ORINS training building, beginning June 17. The classes and examinations will close on August 22 and grade reports will be issued at 10 a. m. on August 23.

Textbooks for the summer quarter classes will be available at the graduate program office in Oak Ridge between June 16 and July 1. After July 1 the books must be obtained at the university book store on the University of Tennessee campus at Knoxville.

The summer quarter courses offered follow:

- Chemistry 451: Organic qualitative analysis.
- Mathematics 461: Elementary differential equations.
- Mathematics 511: Theory of Functions of a Complex Variable.
- Mathematics 543: Integral equations.

Dickey's Miniature Circus Will Be Displayed Here

Y-12 "kids" from one to 100 years old have been invited to visit the showing of Dickey's Miniature Circus to be on display for two weeks, beginning Monday, June 16, at the Oak Terrace. The exhibition is sponsored by the Trinity Methodist Church. The Dickey Miniature Circus is an unusual display of more than 67,000 hand-carved articles seen in a modern circus. The display has been on world tour and was last seen here in 1944. Y-12ers may obtain tickets from J. M. Mullenax, Bldg. 9212, plant telephone 7036.

Safe driving is efficiency. Even minor accidents damage vehicles and material being hauled, cost money, lose time. Be proud of doing a better job by driving safely.

Y-12ers Place Three As Contest Finalists

At least three attractive young women with Y-12 connections are finalists in the "Miss Oak Ridge of 1952" contest with the winner and runner-up to be determined in a judging at the Oak Ridge Swimming Pool on Friday night, June 13. The three are Miss Patricia Thorpe, daughter of J. R. Thorpe, Maintenance Shops; Miss Sue Rogers, daughter of C. F. Rogers, Field Maintenance; and Patricia Ravage, an ORNL employee in the Materials Chemistry Division in the Y-12 plant area.

Of the 22 entrants in the contest, several others are either Carbide employees or relatives of Carbide employees. The winner and runner-up, to be decided on the basis of beauty, talent, personality and showmanship, will be sent to Miami Beach, Fla., there to participate for the title of "Southern Radio Queen." The winner of that event will get a free trip to Mexico.

Carbide and Carbon Chemicals Company is paying transportation expenses via airplane from Oak Ridge to Miami Beach for "Miss Oak Ridge of 1952" and her maid of honor, the runner-up.

The local contest is being sponsored by Oak Ridge Radio Station WOKE in connection with 25 other radio stations in Southern cities.

Rides Wanted And Offered

Ride Wanted Or Will Join Car Pool—From Moylan Lane on Michigan Ave., Oak Ridge, straight day. H. H. Miller, plant telephone 7185, home telephone 5-4721.

Ride Wanted — To vicinity of Jackson or Vicksburg, Miss., or Monroe, La., leaving after work Friday, June 27. J. E. Temple, plant telephone 7741, home telephone, Knoxville 4-5189.

Ride Wanted — From Kingston, straight day. Betty Stephens, plant telephone 7214.

Riders Wanted — From Lenoir City, straight day. Mary Jennings, plant telephone 7277, home telephone, Lenoir City 597-J.

Two Riders Wanted — From East Knoxville, straight day. O. H. Cutshaw, telephone 3-5833.

Riders Wanted Or Will Join Car Pool — From vicinity of Lake Shore Drive in Kingston, straight day. Josephine Gower, plant telephone 7389, home telephone Kingston 6139.

Five Riders Wanted — From Jefferson Terminal area, Oak Ridge, straight day. Hettie Allen, plant telephone 7165, home telephone 5-1009.



The following Y-12 employees were patients in the Oak Ridge Hospital last week: William L. Coggins, Stores; Francis O. Gaddis, Research Services; Lonnie A. Jeffreys, Buildings and Grounds; William L. Fairbanks, Jr., and Robert Mason, Administrative Normal; Smiley B. Ward, Electrical Maintenance; Willie L. Bailey, Cafeteria; James C. Parker, Administrative Product; James D. Lovin and Otha C. Haney, Maintenance Shops.

GUARDSMEN BEING TRAINED

Rear Adm. A. C. Richmond, assistant commandant of the United States Coast Guard, says thousands of Guardsmen are being quietly trained to prevent possible smuggling of Russian atomic bombs into America, says the Philadelphia Bulletin.

No employee is required to take chances.